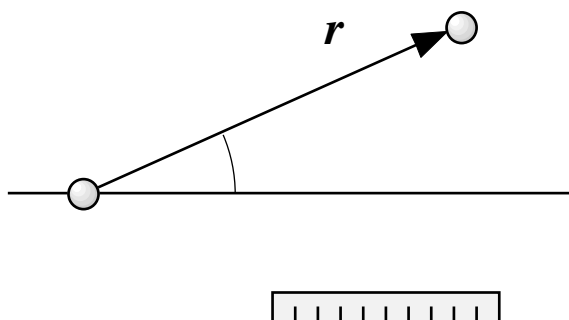


Liverpool Physics Olympics
INTERNATIONAL 98



r

Aim To estimate the length of the line joining two objects and the smallest angle that this line makes with respect to a baseline.

Materials 1 metre rule, fixed to the ground

Method –

Conditions

- No team member may cross the baseline.
- The distance must be given to the nearest cm and the angle given to the nearest degree.

Time limit 25 minutes

Ranking The ranking order will be determined by the difference between the estimated distance and angle and the actual distance and angle.

Team

Distance *r*

cm

Angle

•

Do not write below line

Rank